

FIG. 1

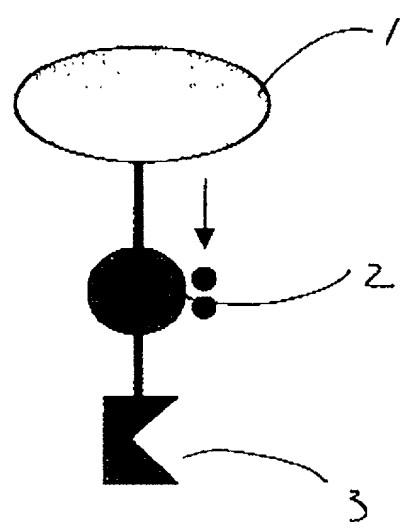


FIG. 1

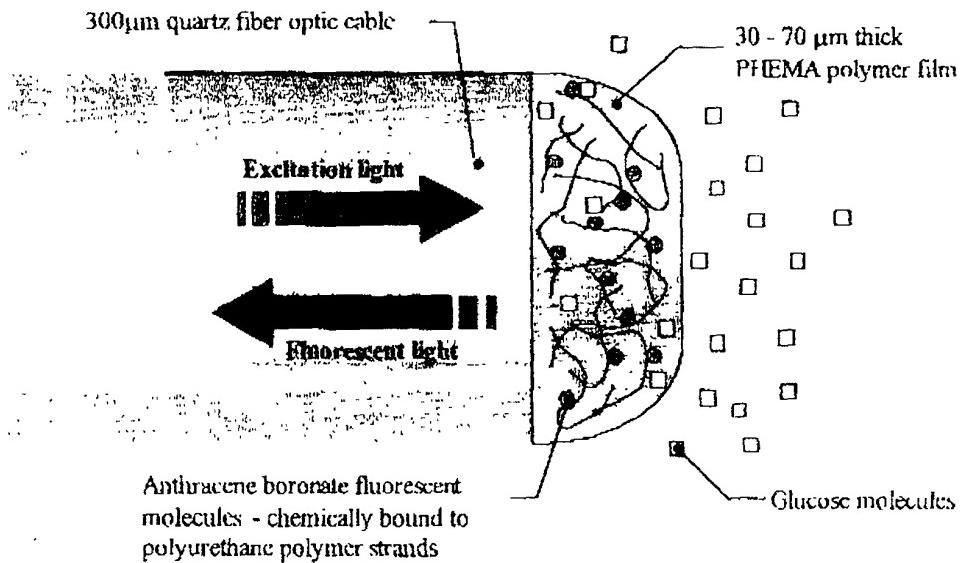


FIG. 2

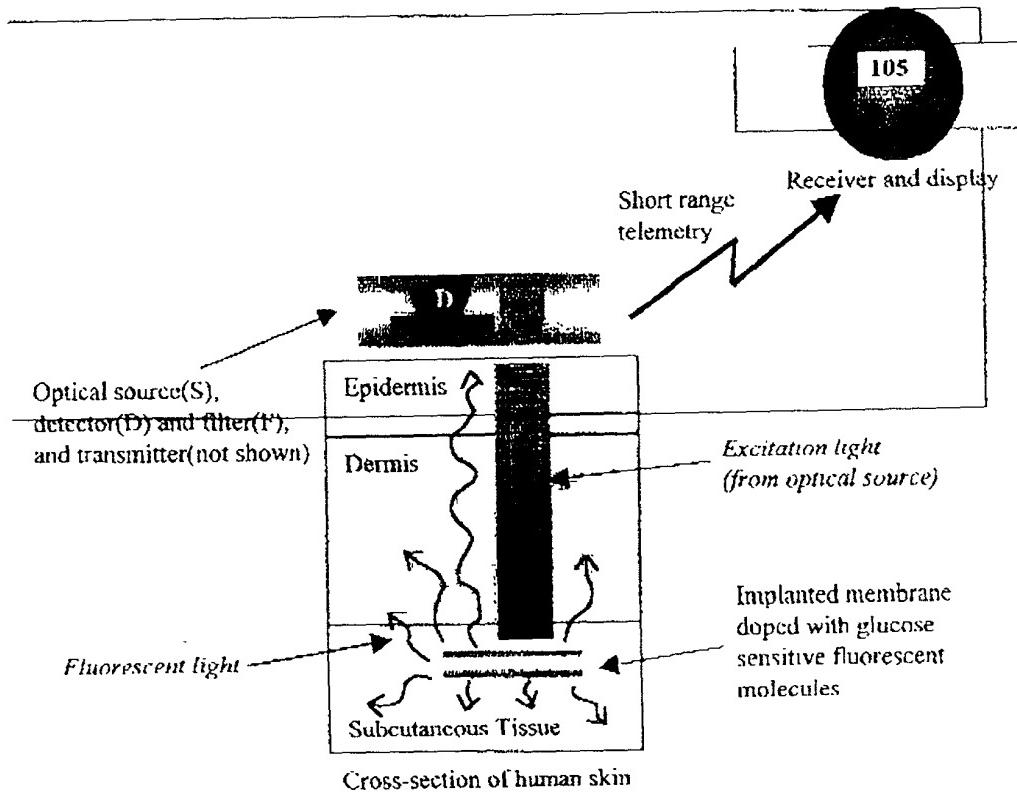


FIG. 3

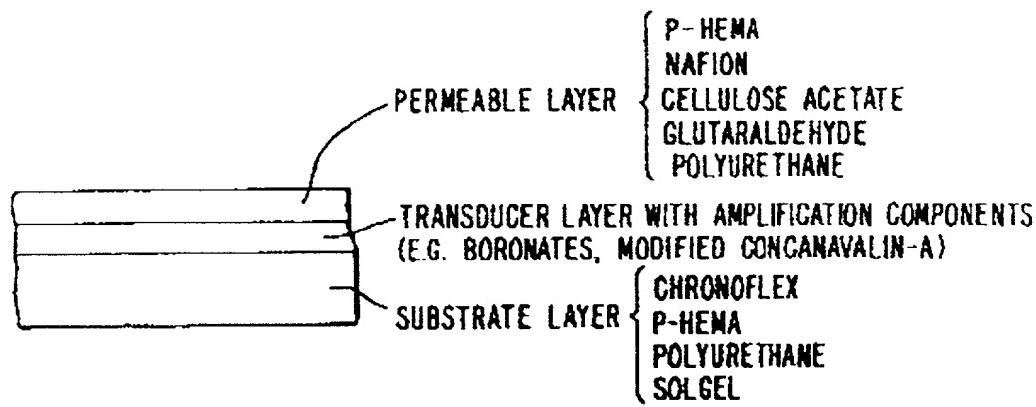


FIG. 4A.

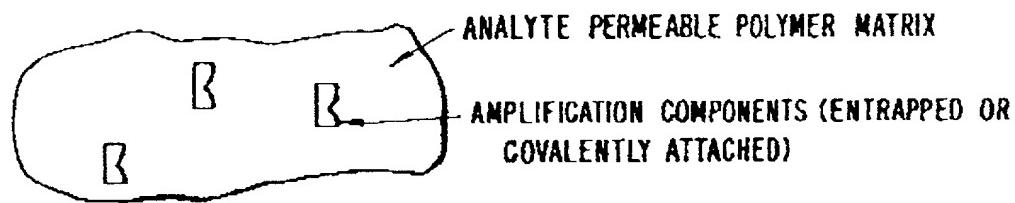


FIG. 4B.

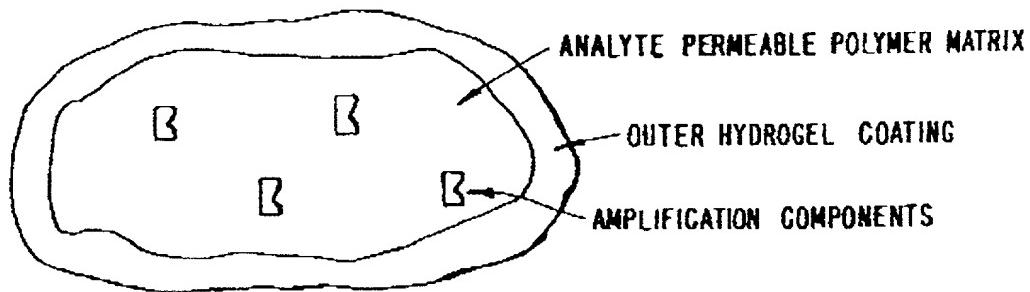


FIG. 4C.

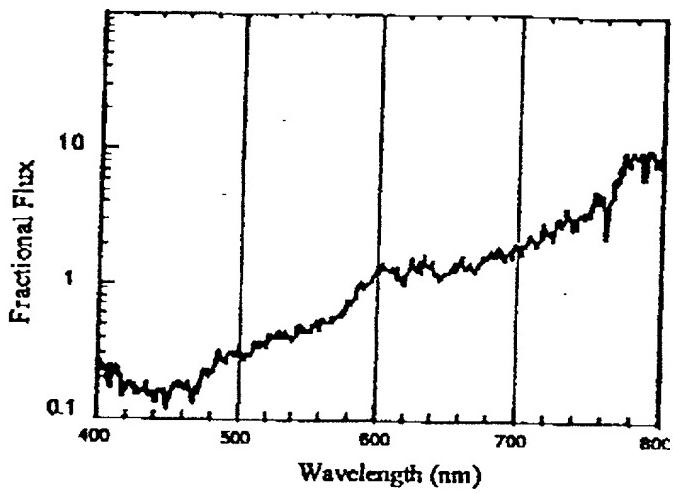


FIG. 5

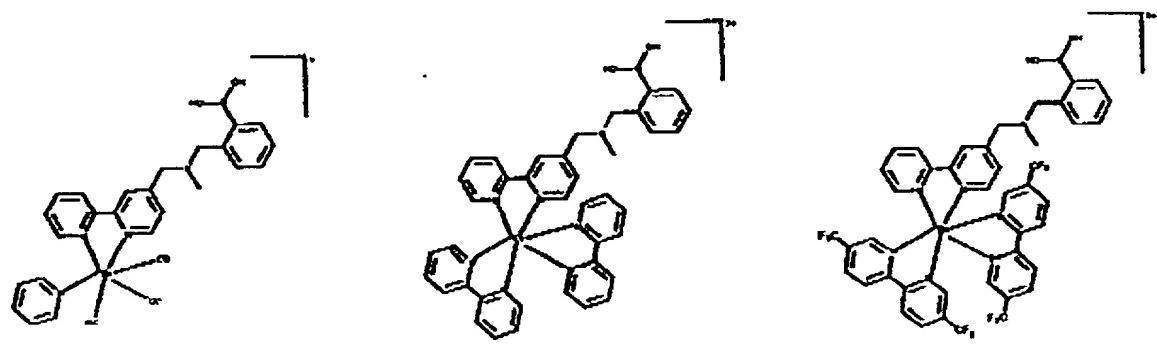
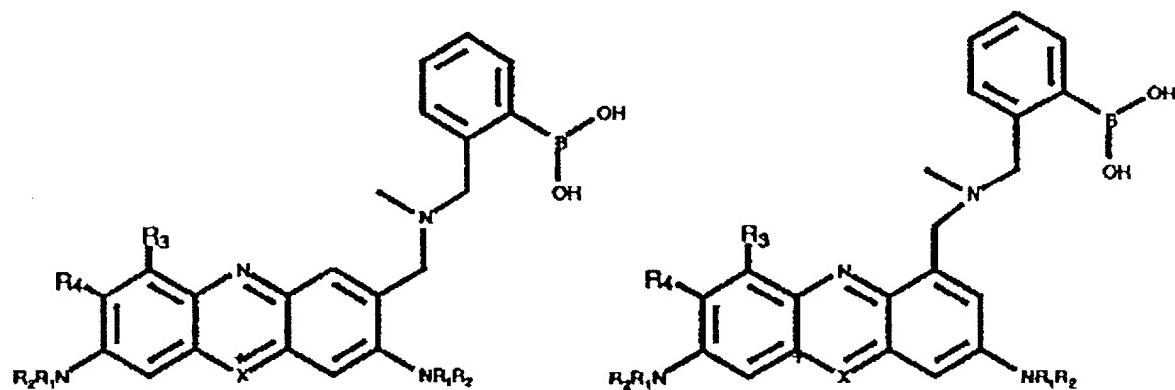
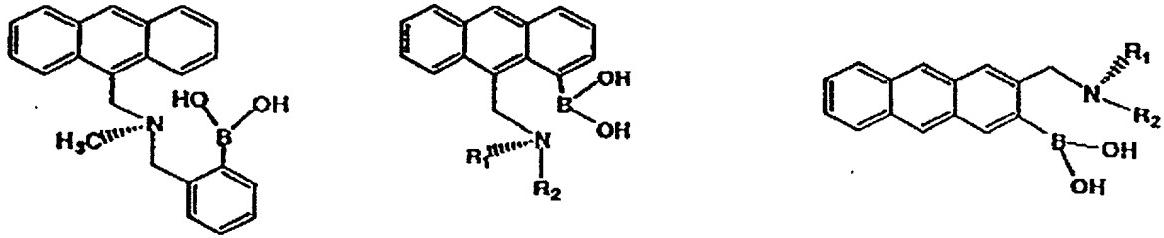


FIG. 6



$X = O, S$
 $R_1 = H, Me, Et$
 $R_2 = H, Me, Et$
 $R_3 = H, Me$
 $R_4 = H, Me$

FIG. 7



$R_1 = H, \text{alkyl, aryl, benzyl}$

$R_2 = H, \text{alkyl, aryl, benzyl}$

$R_1 = H, \text{alkyl, aryl, benzyl}$

$R_2 = H, \text{alkyl, aryl, benzyl}$

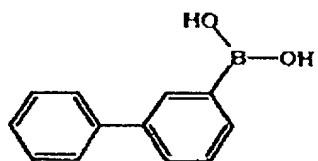
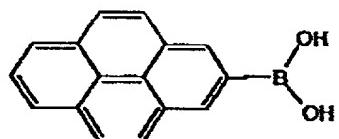
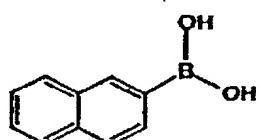
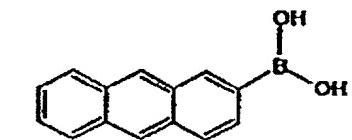


FIG. 8

Naphthylimide Boronate

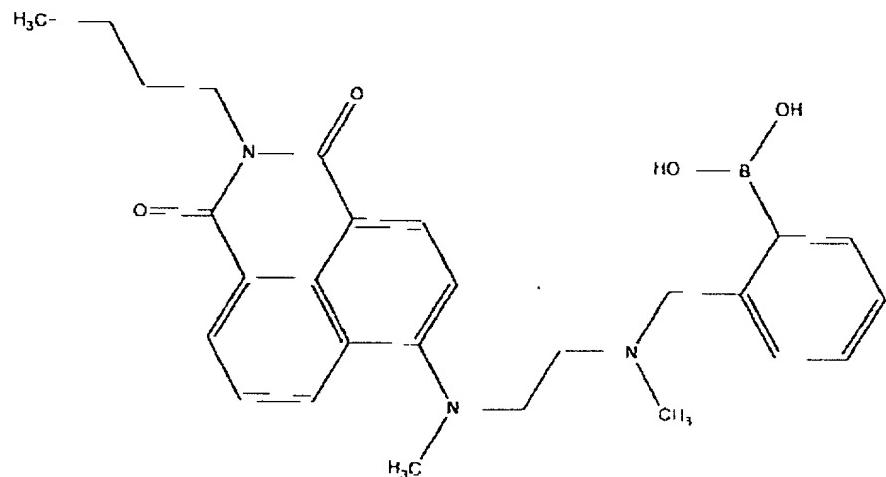


FIG. 9A

6-Chloro-10methyl-5Hbenzo[a]phenoxazin-5-one (COB)

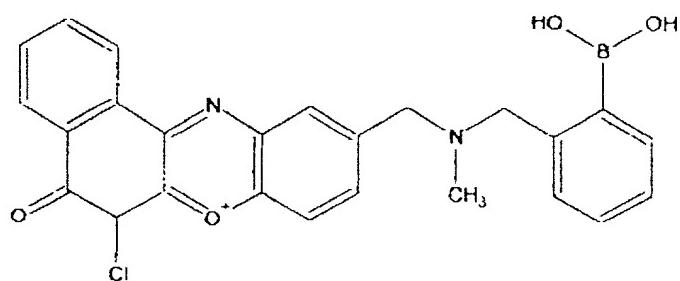


FIG. 9B

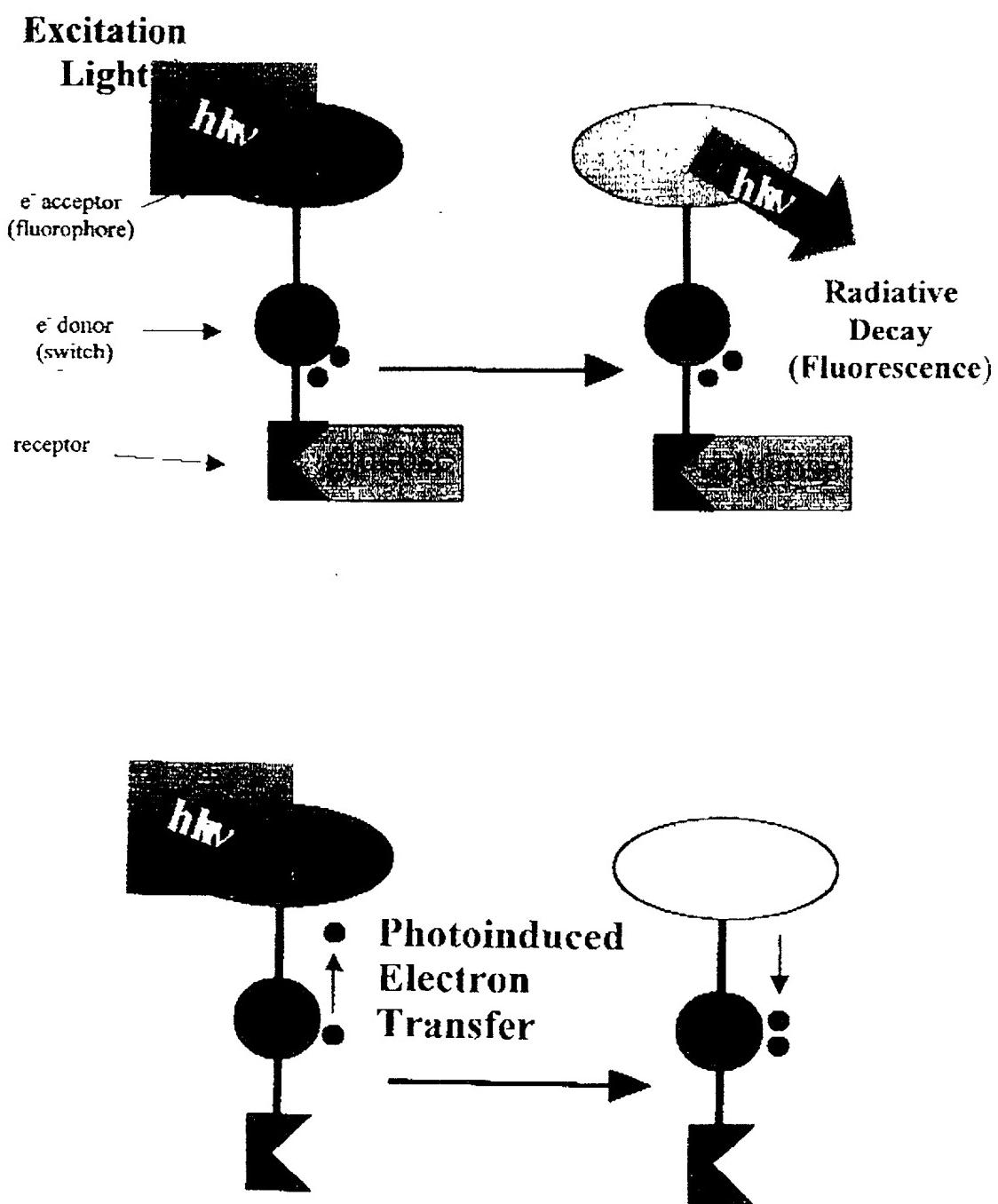


FIG. 10

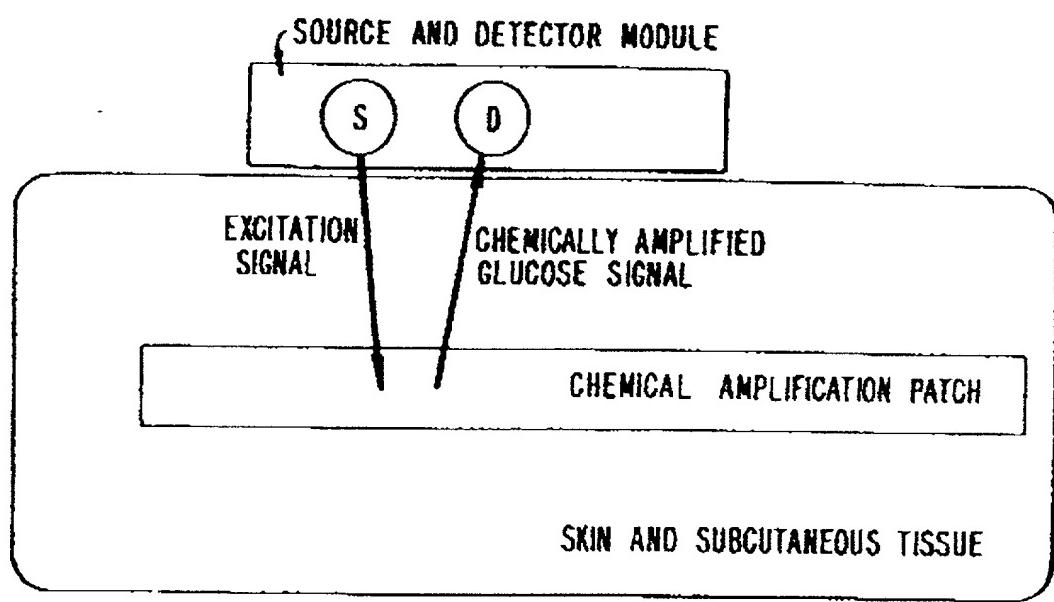


FIG. 11

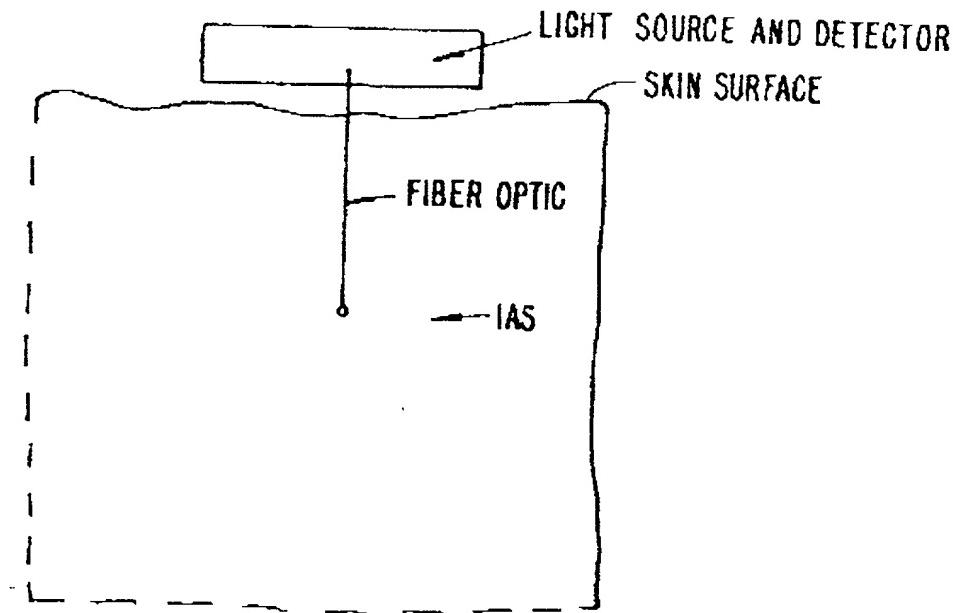


FIG. 12

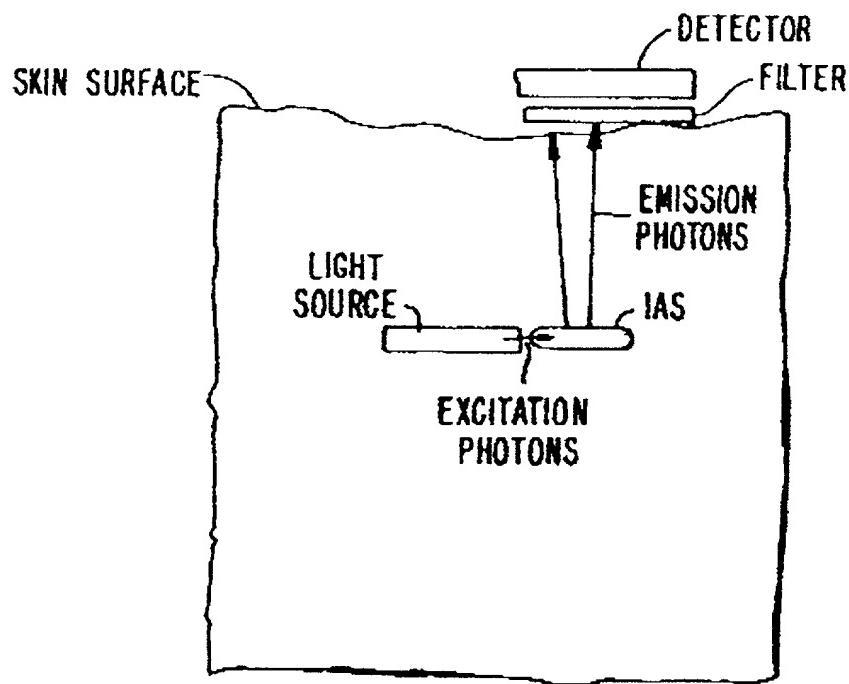


FIG. 13

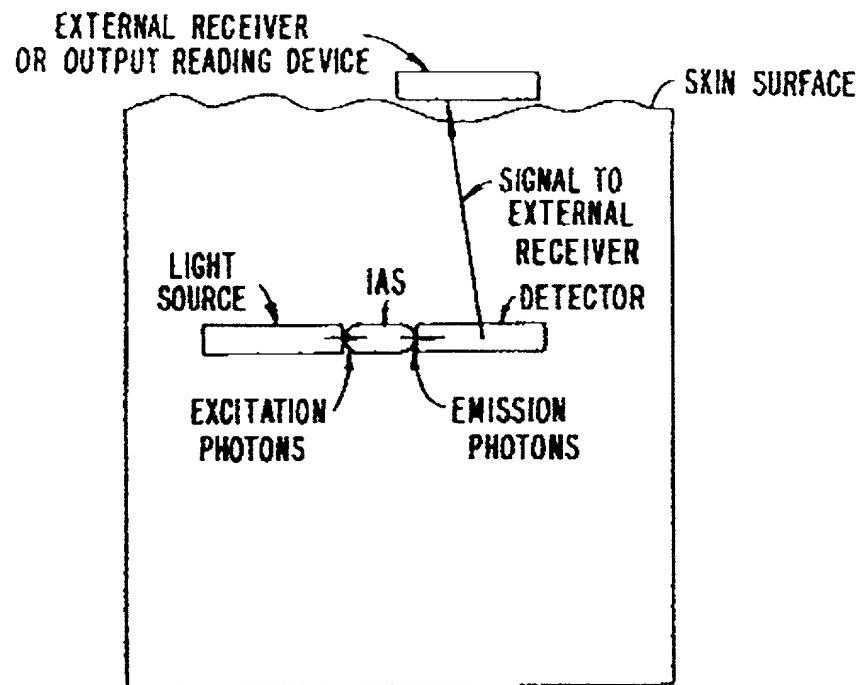


FIG. 14

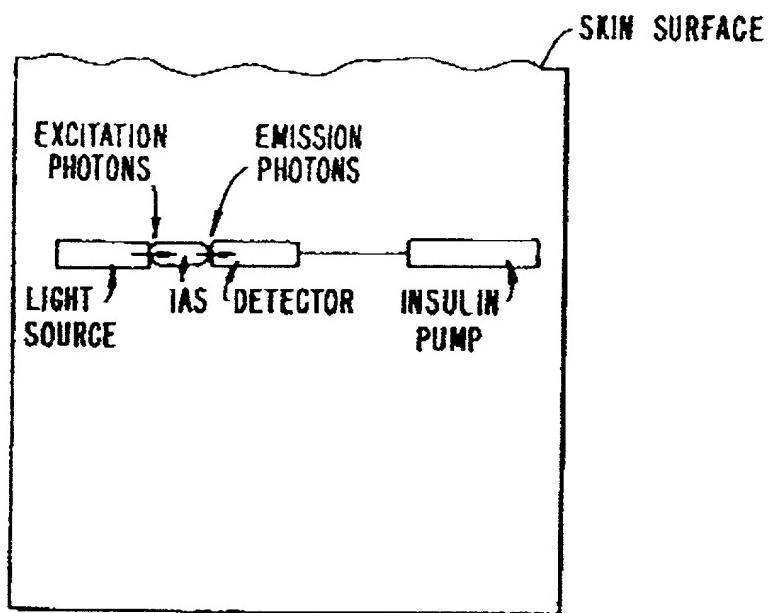


FIG. 15

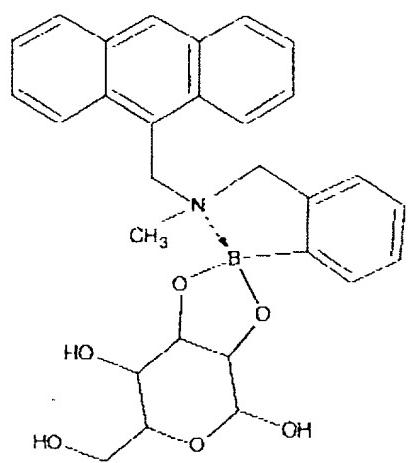


FIG. 16

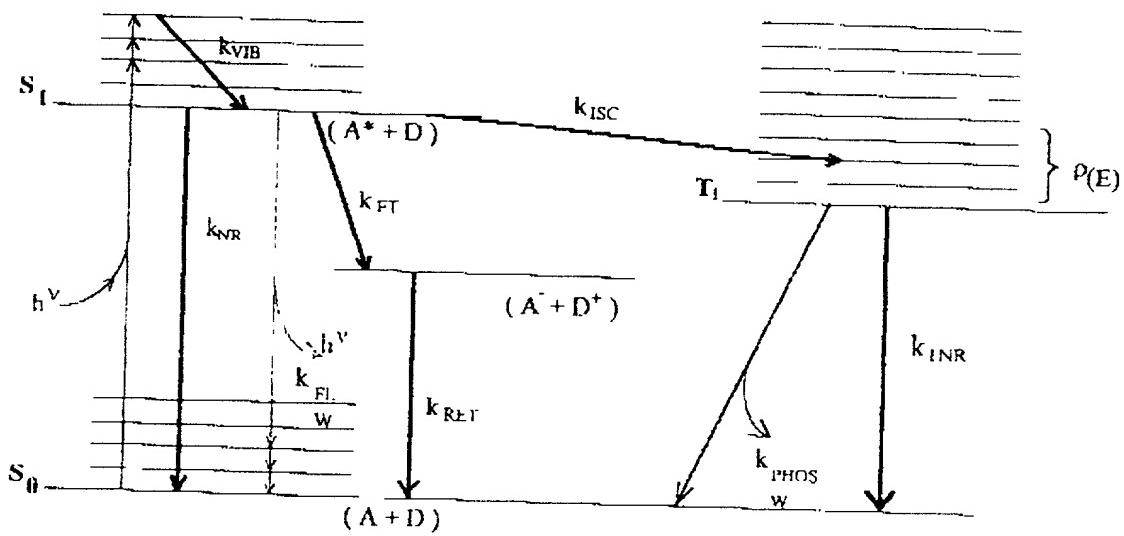


FIG. 17A

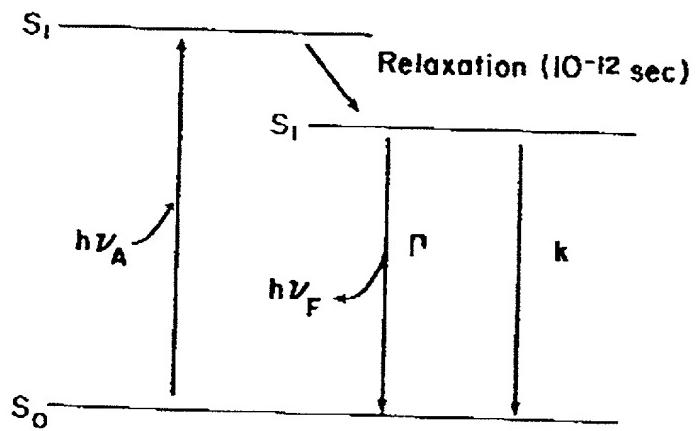


FIG. 17B

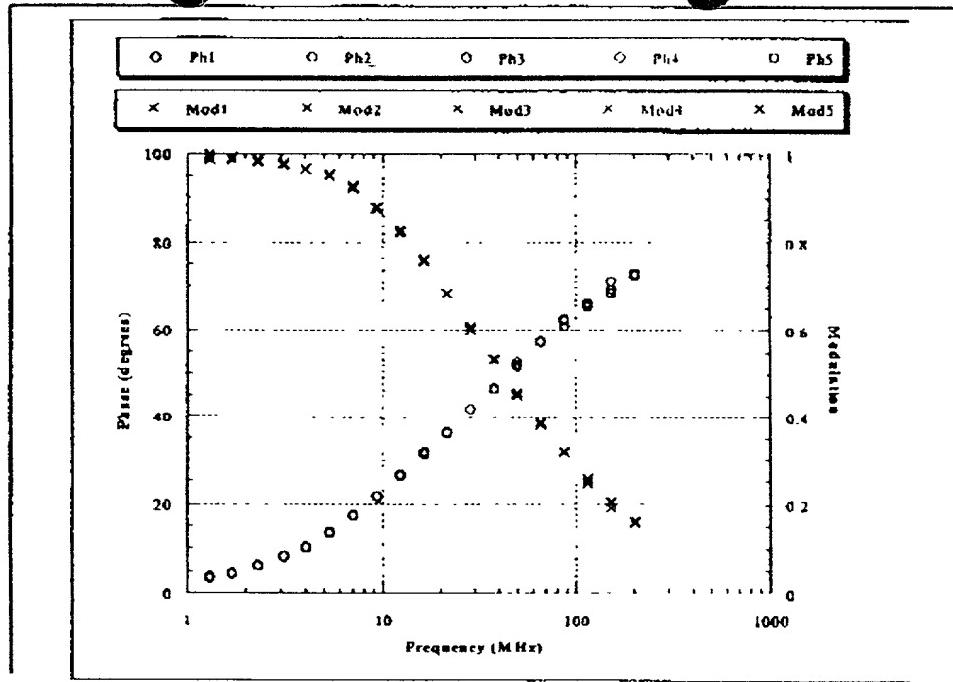


FIG. 18

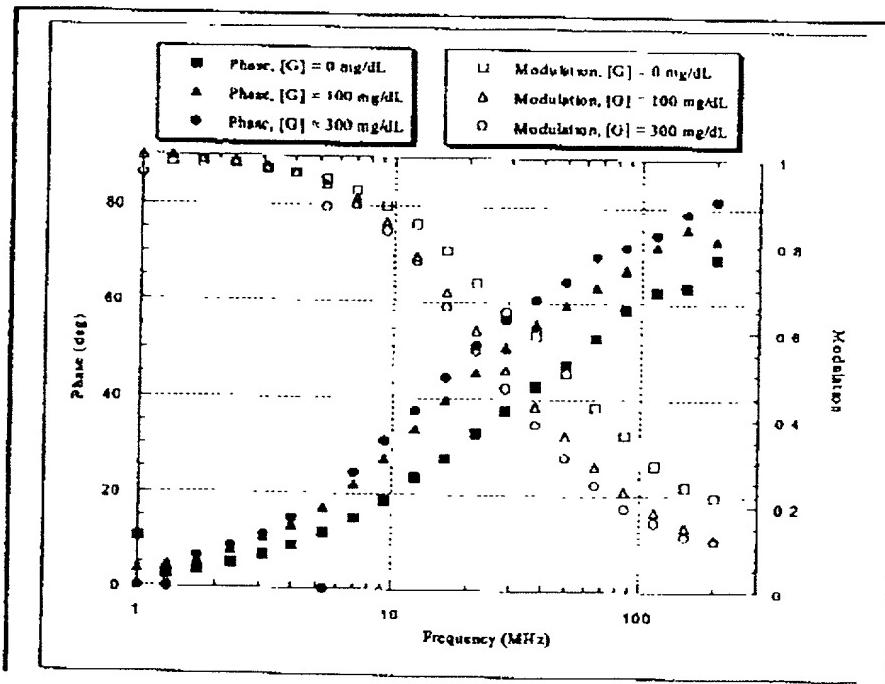


FIG. 19

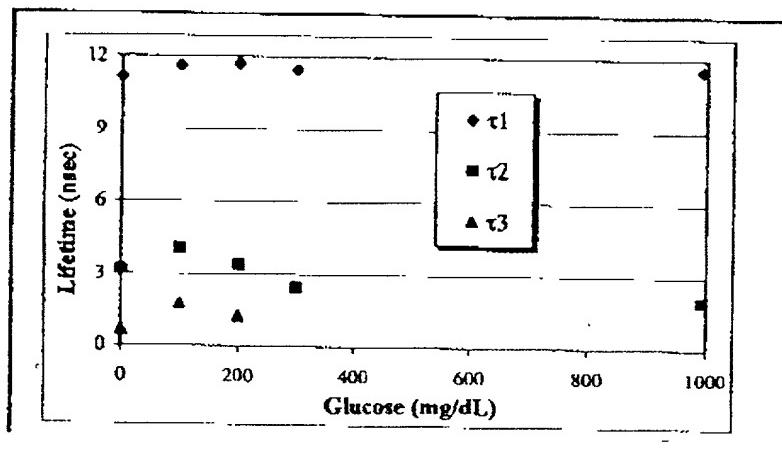


FIG. 20

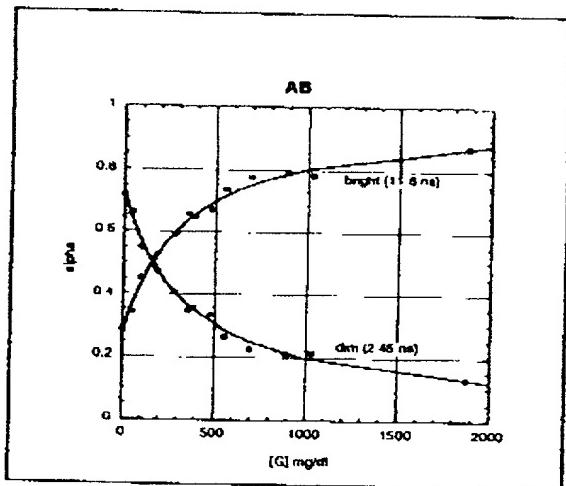


FIG. 21

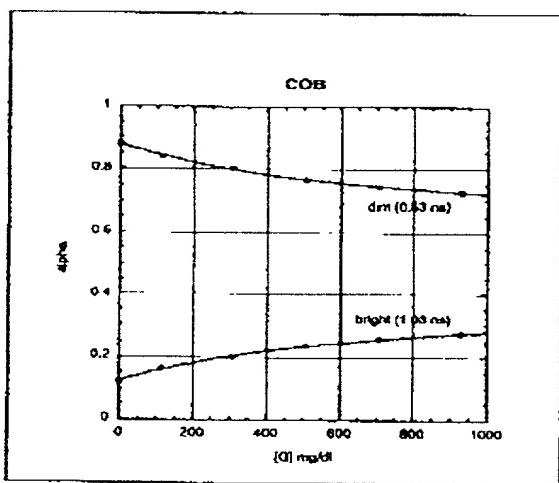
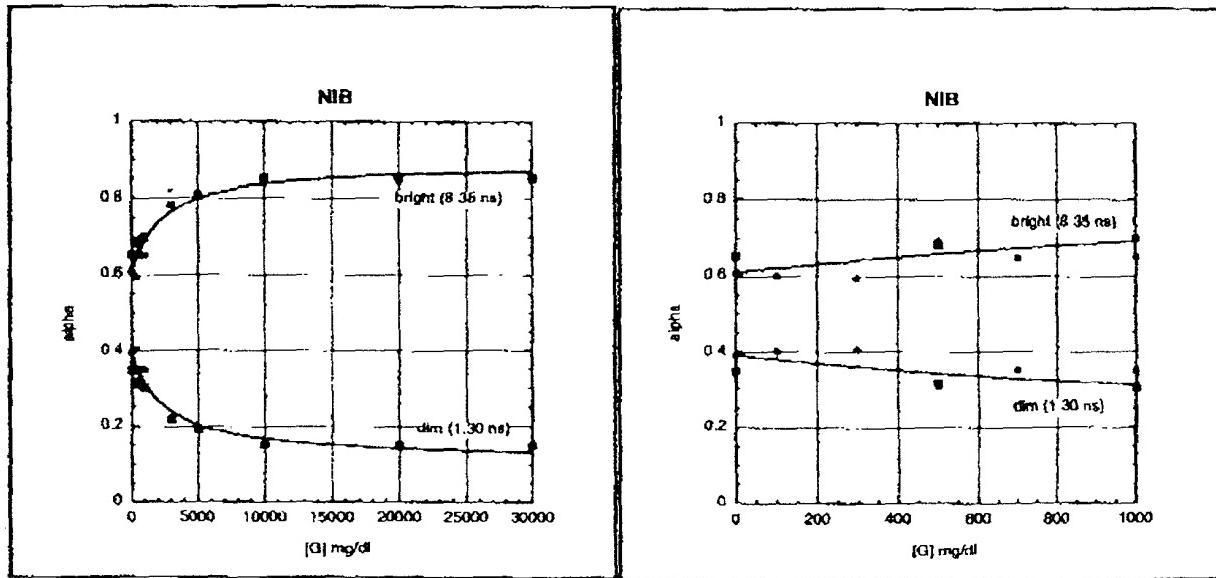


FIG. 22



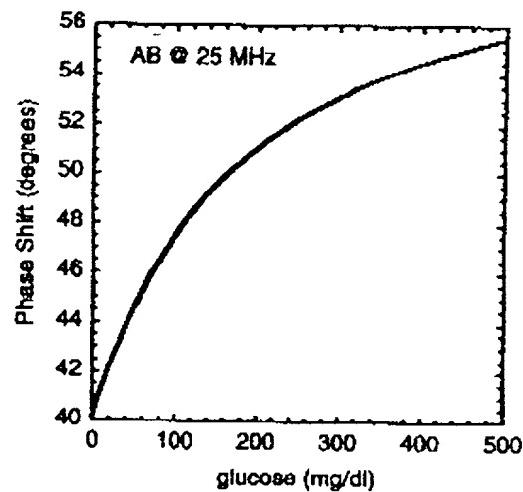


FIG. 24A

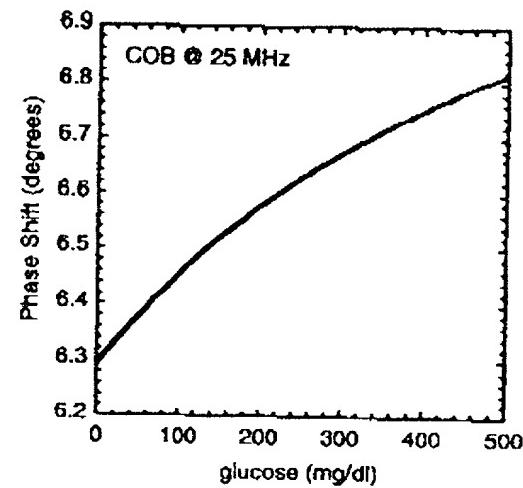


FIG. 24B

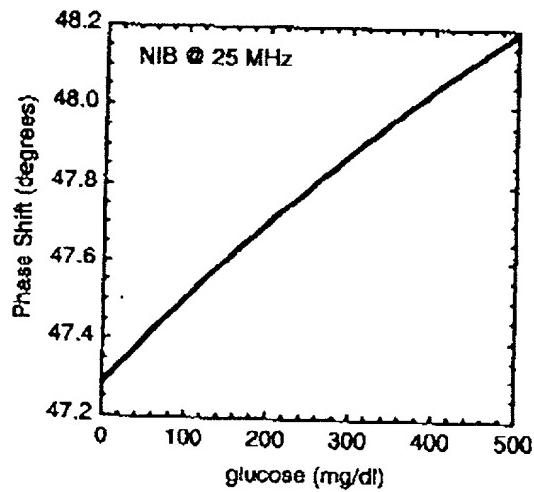


FIG. 24C

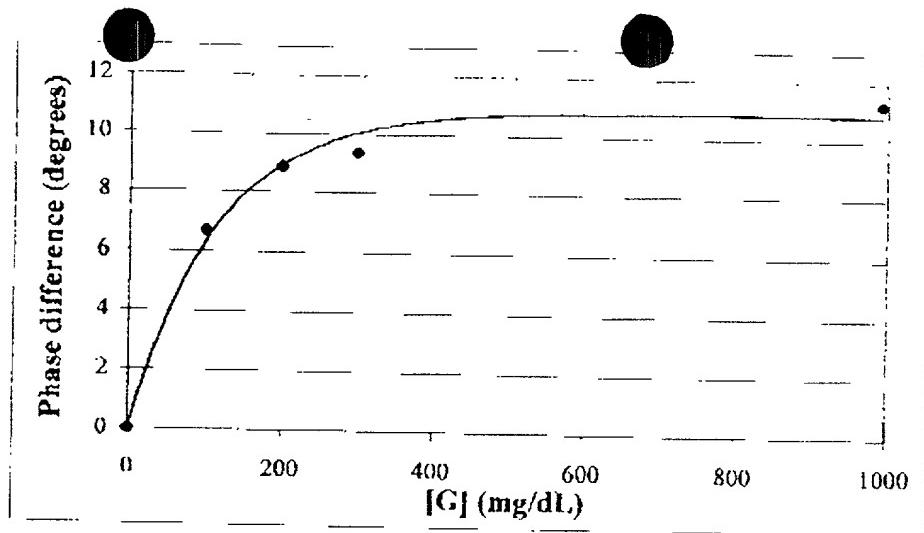


FIG. 25

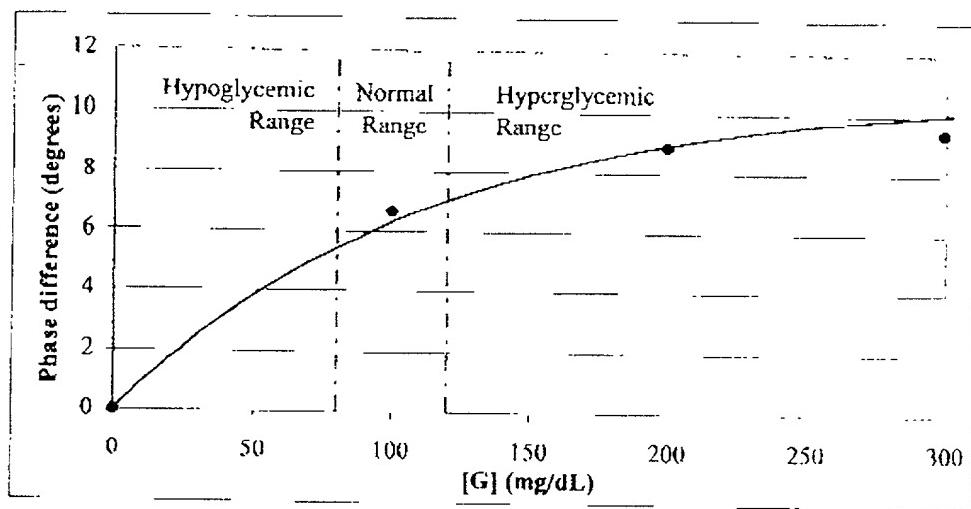


FIG. 26

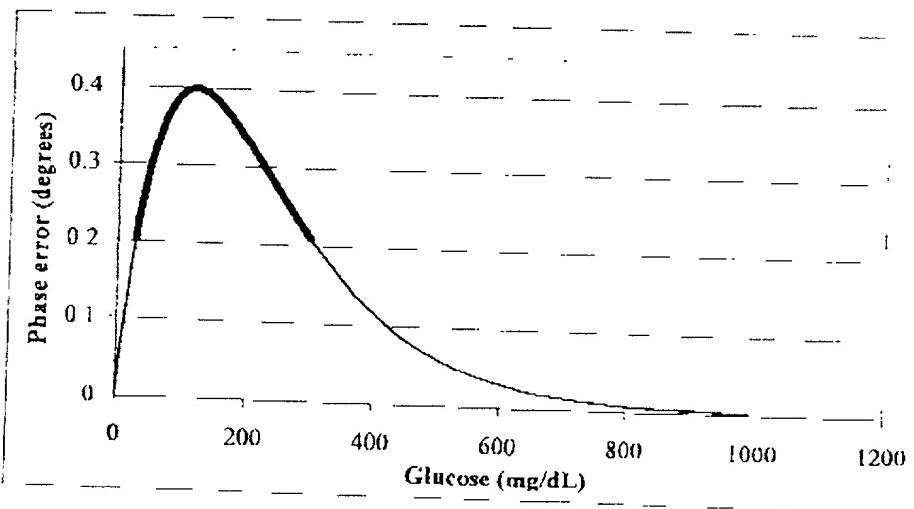


FIG. 27

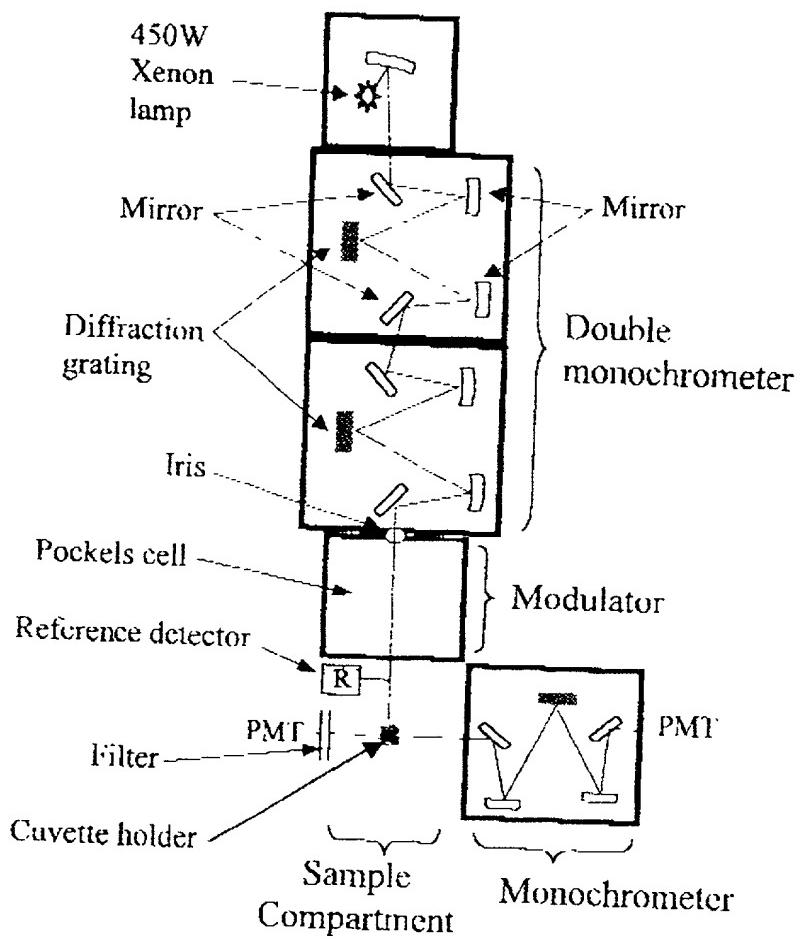


FIG. 28

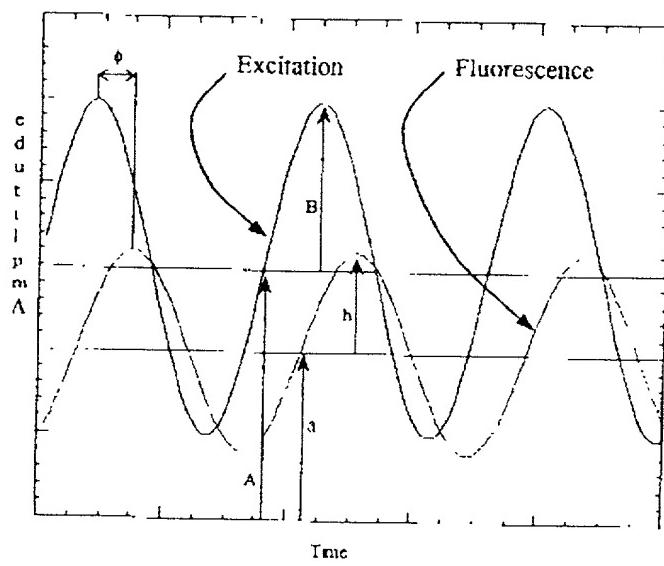


FIG. 29

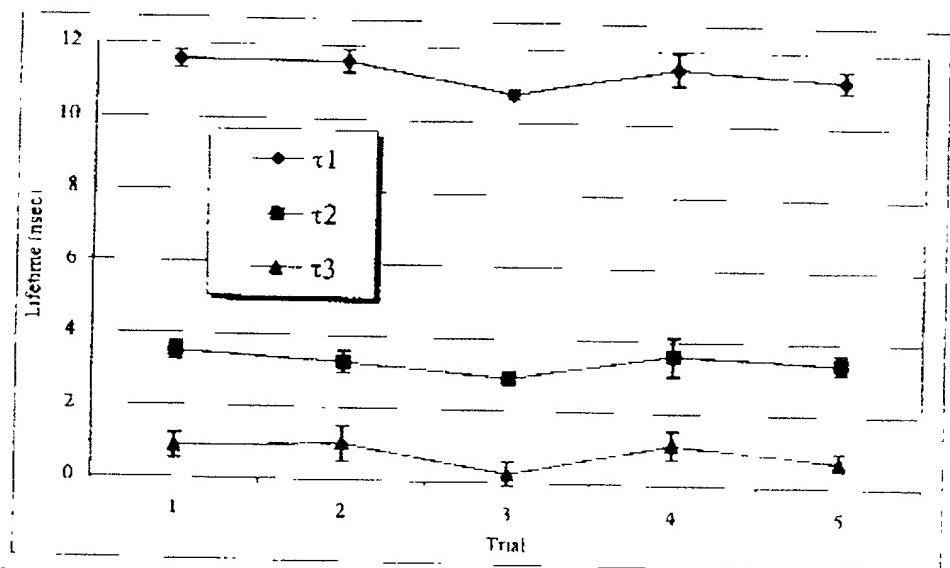


FIG. 30

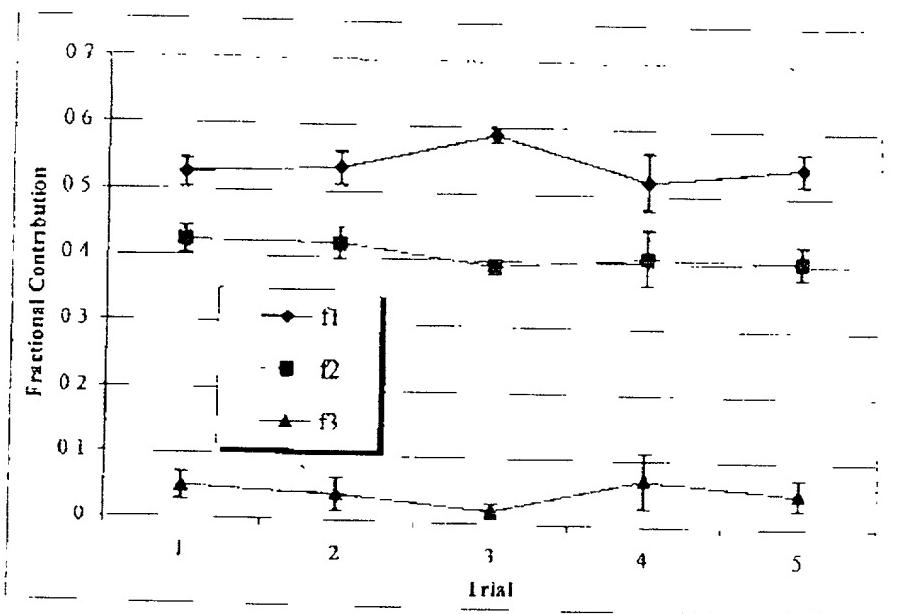


FIG. 31

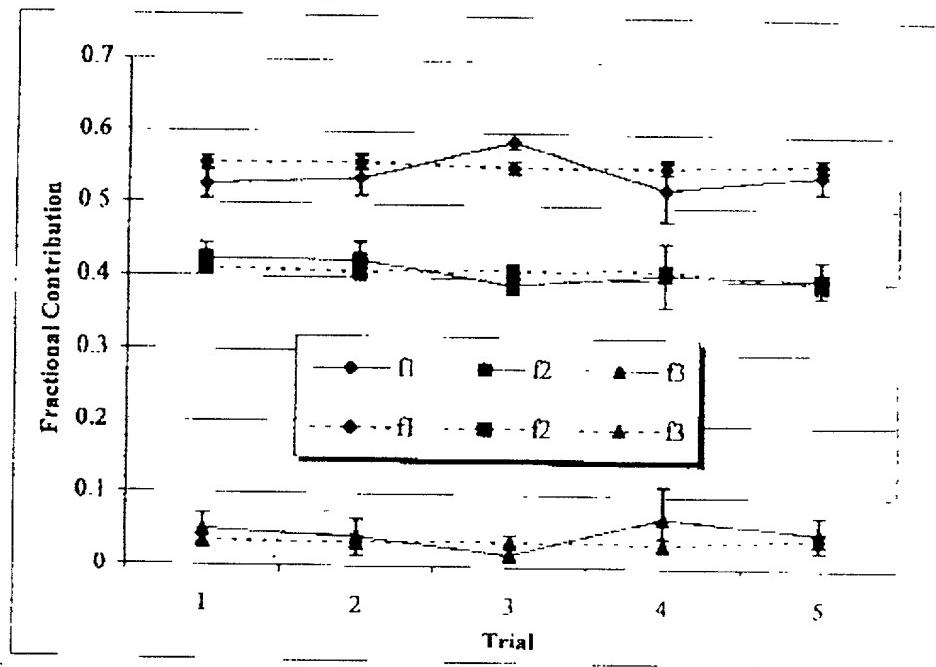


FIG. 32

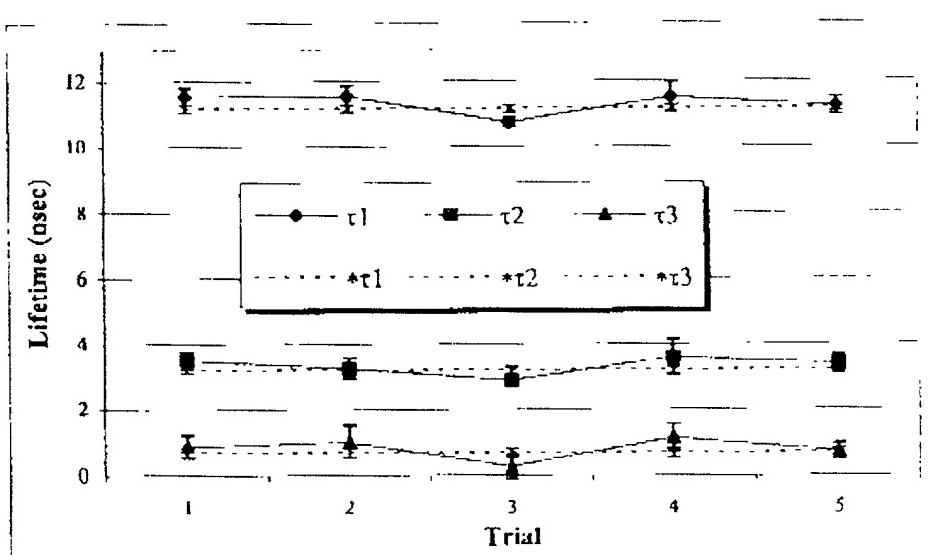


FIG. 33

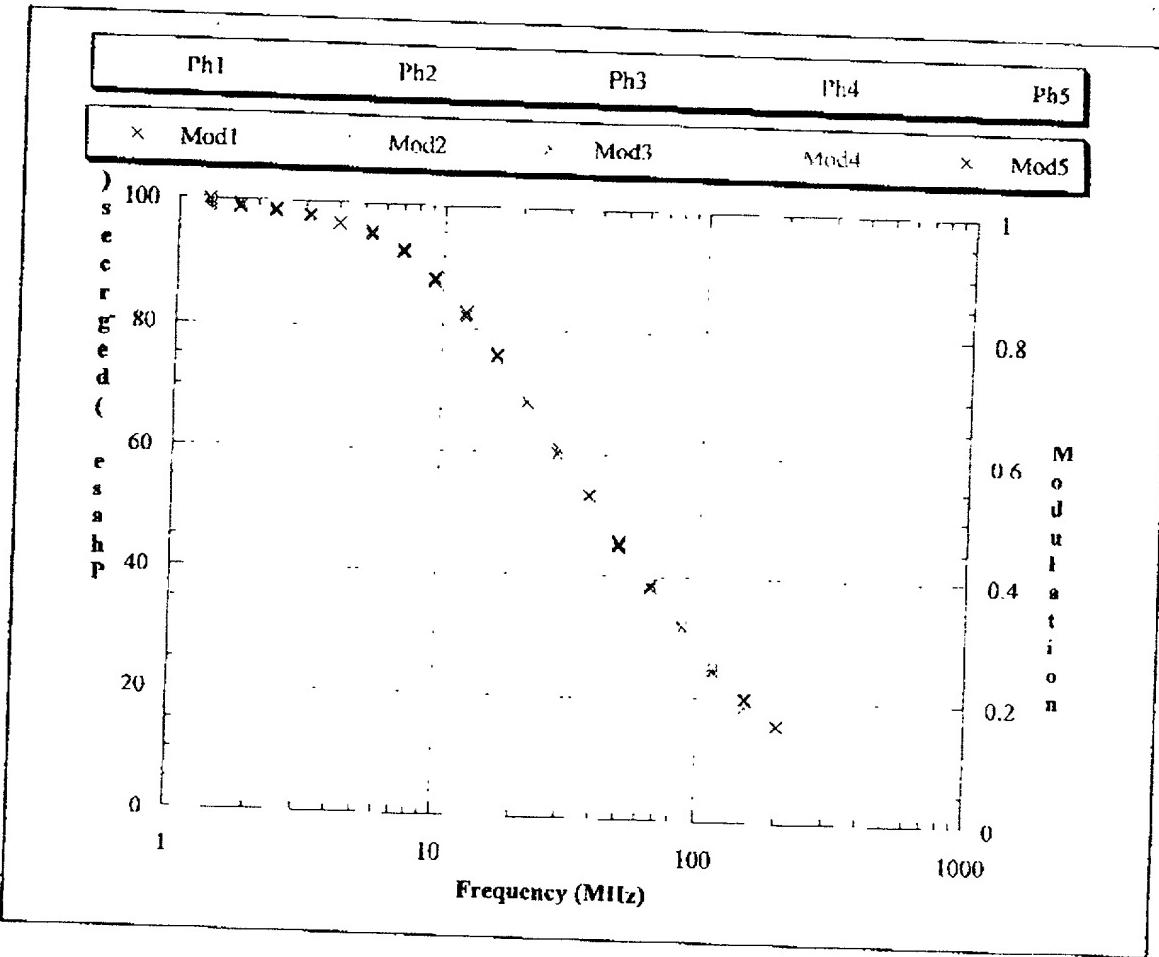


FIG. 34

FIG. 35 A

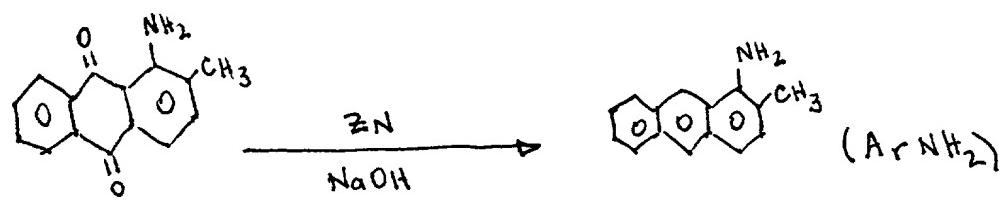


FIG. 35 B

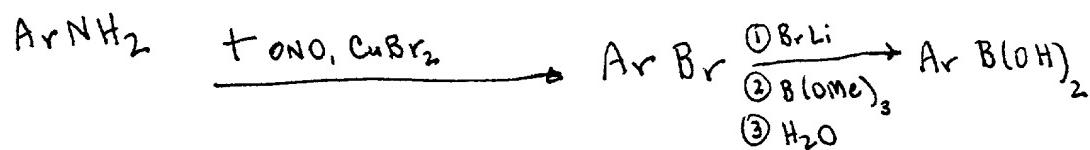


FIG. 35 C

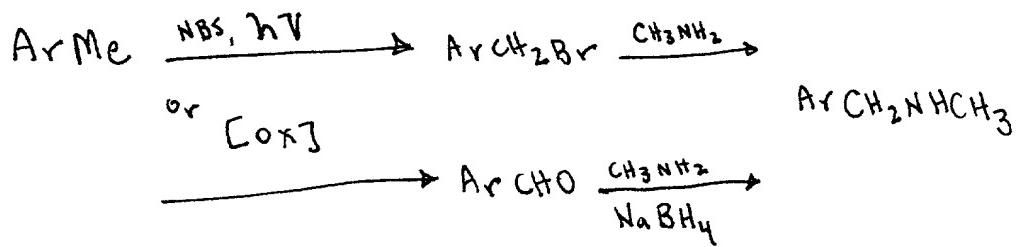
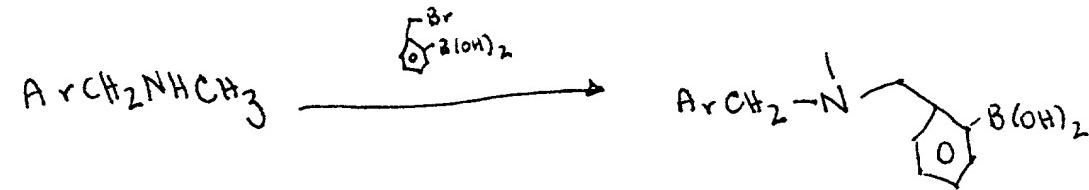


FIG. 35 D



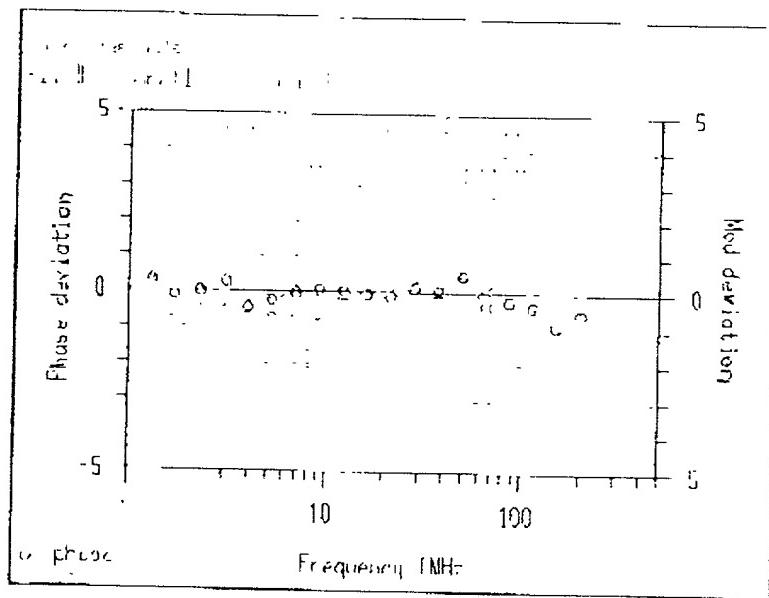


FIG. 36A

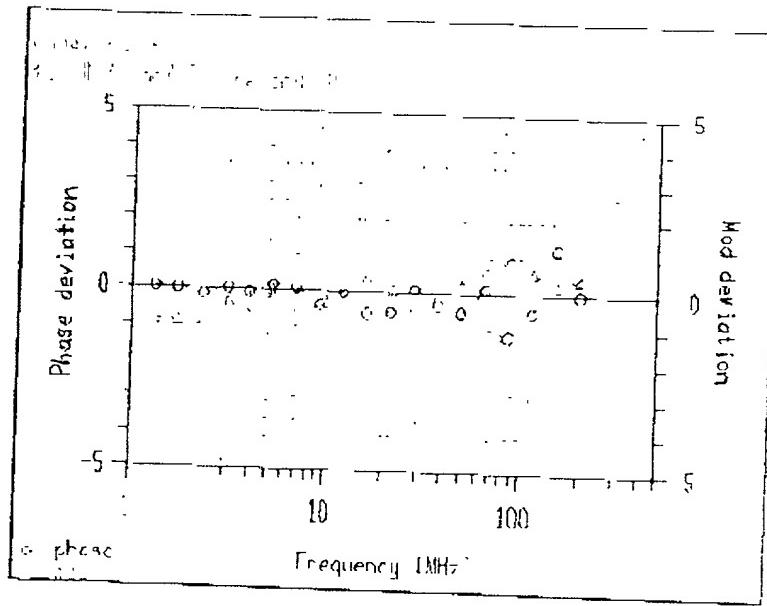


FIG. 36B

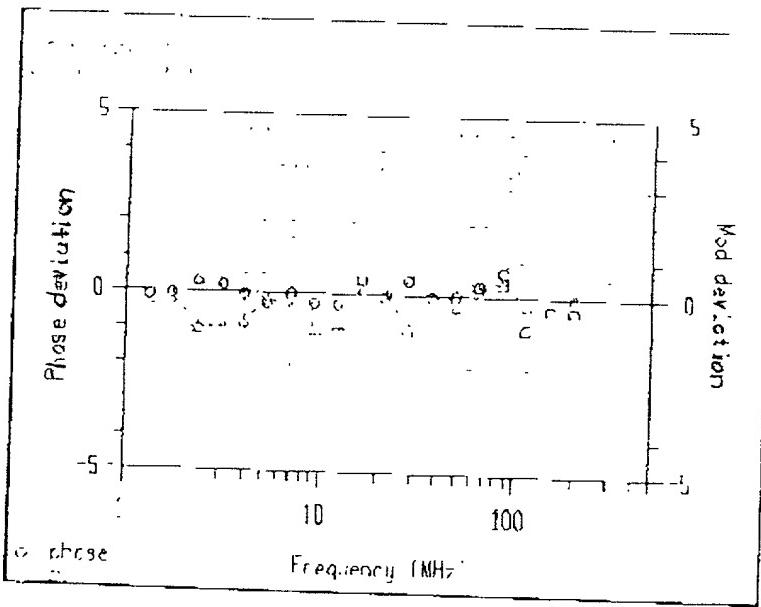


FIG. 36C

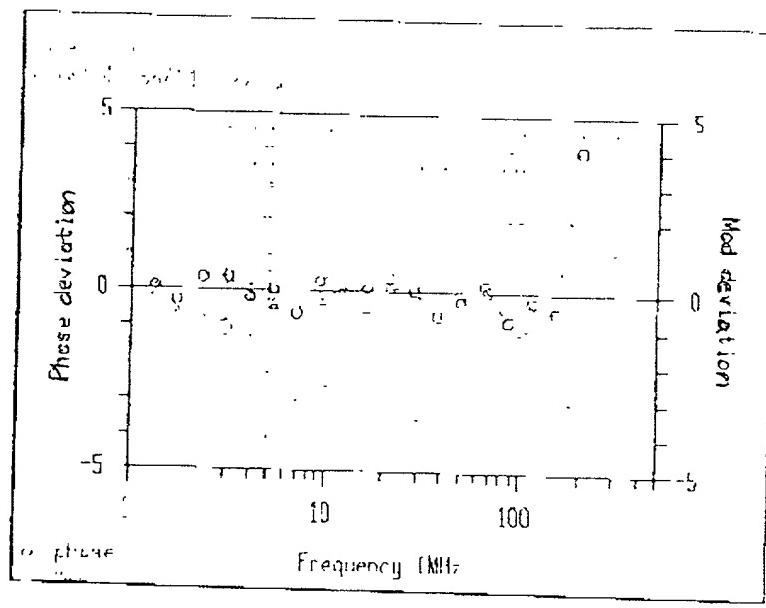


FIG. 36D

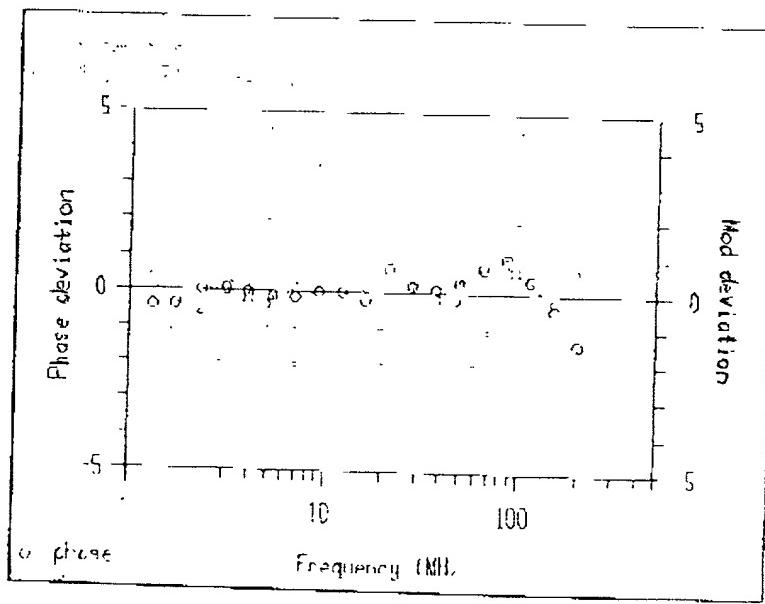


FIG. 36E

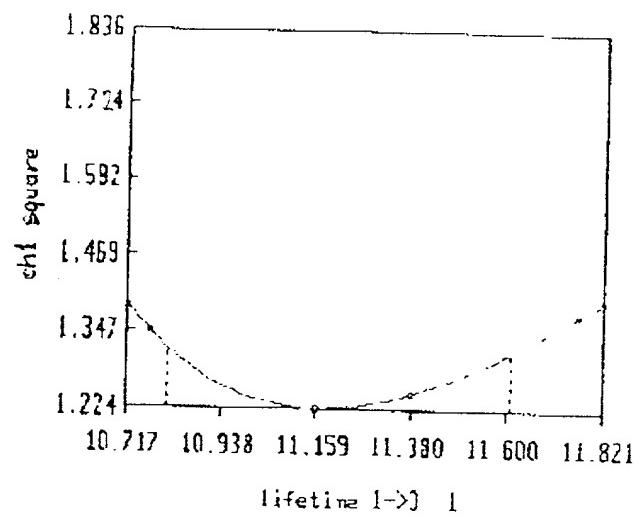


FIG. 37A

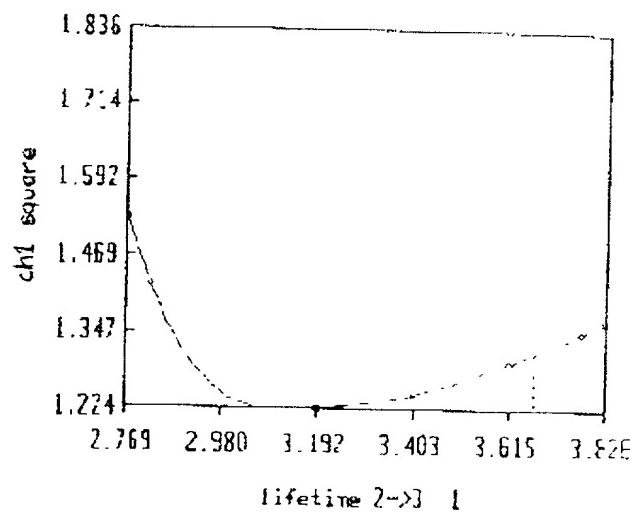


FIG. 37B

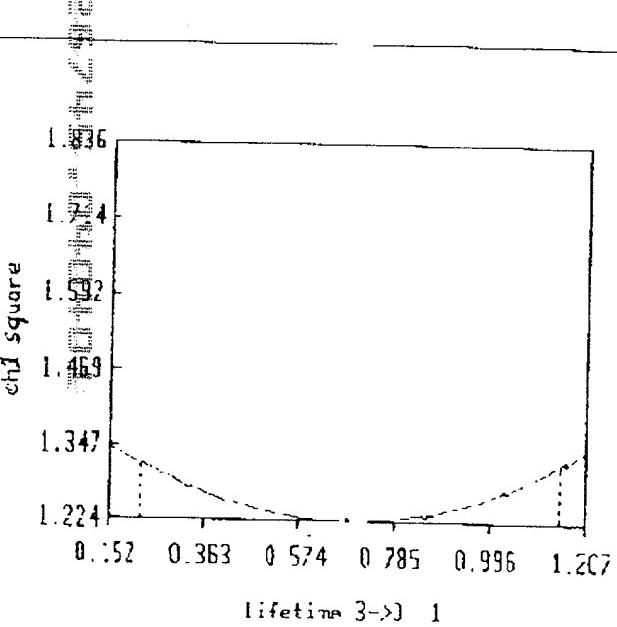


FIG. 37C

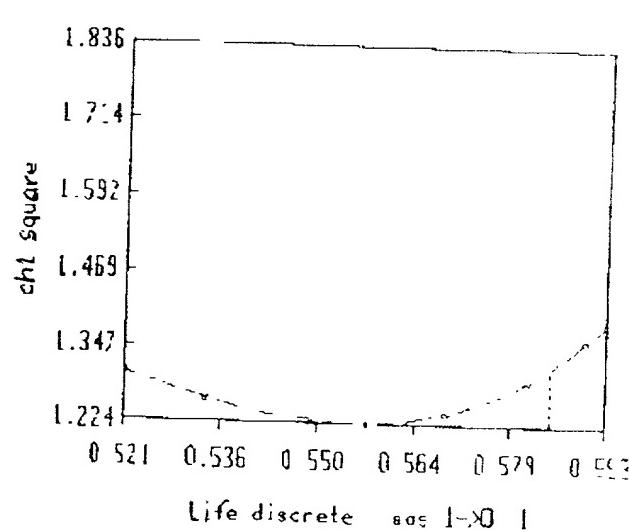
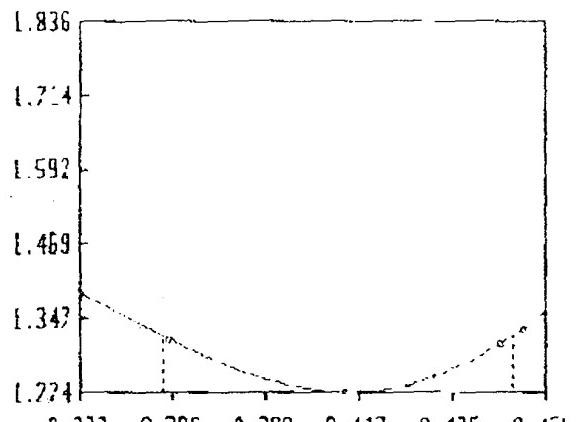
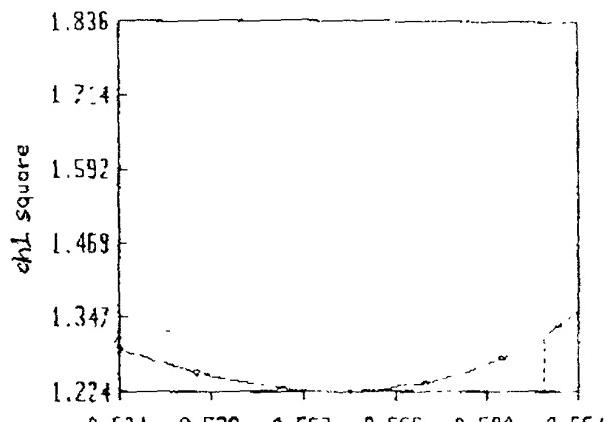


FIG. 37D

chi square



Life discrete sas 2-0 1

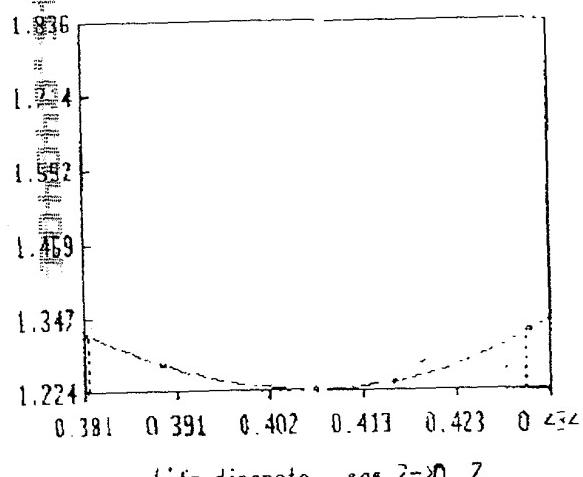


hi = 0.539 - 1.56
ls = 0.518 - 1.56
Life discrete sas 1-0 2

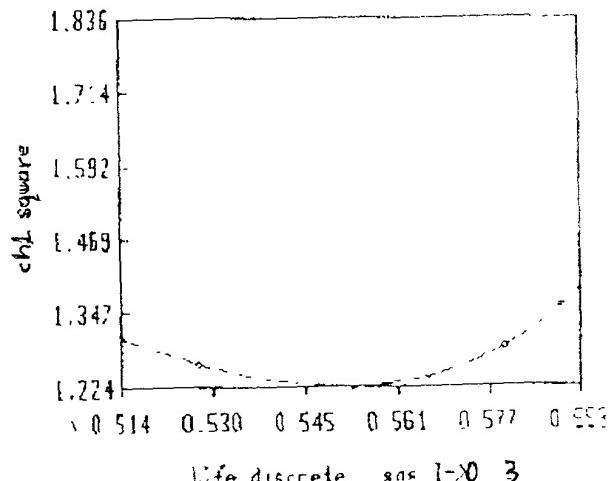
FIG. 37E

FIG. 37F

chi square



Life discrete sas 2-0 2



Life discrete sas 1-0 3

FIG. 37G

FIG. 37H

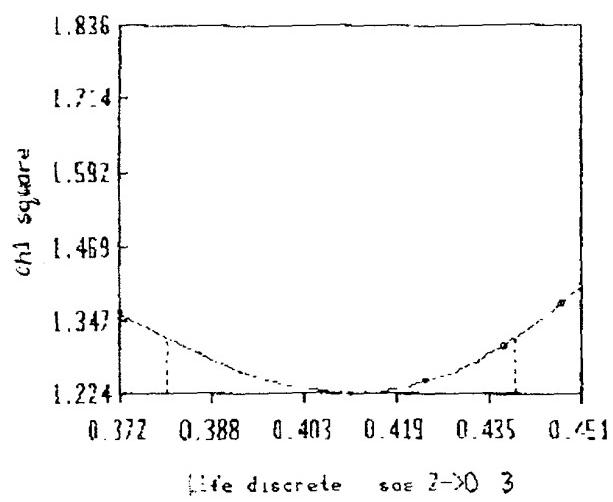


FIG. 37I

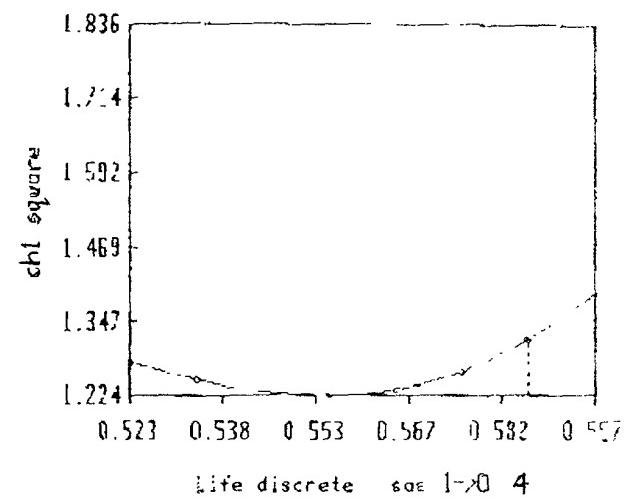


FIG. 37J

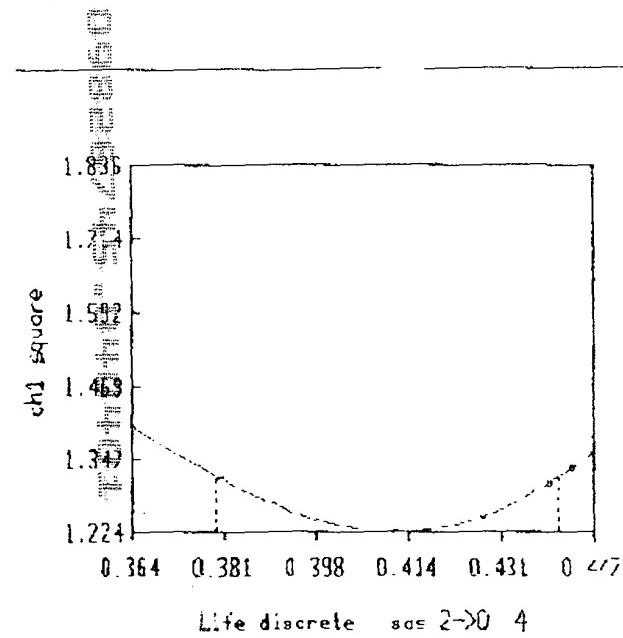


FIG. 37K

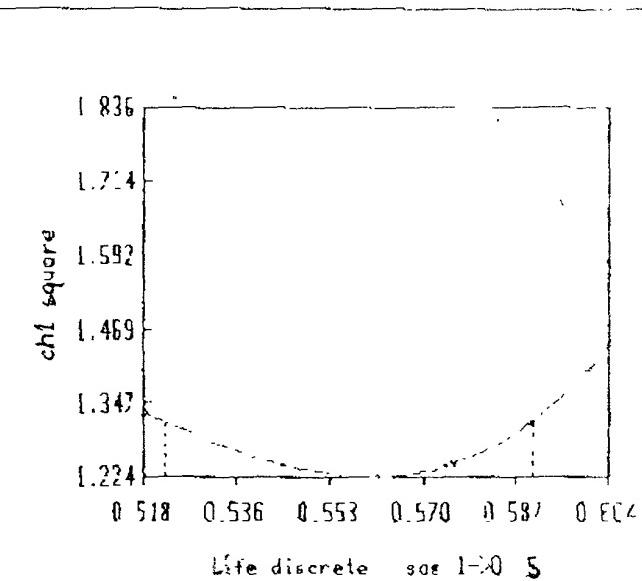


FIG. 37L

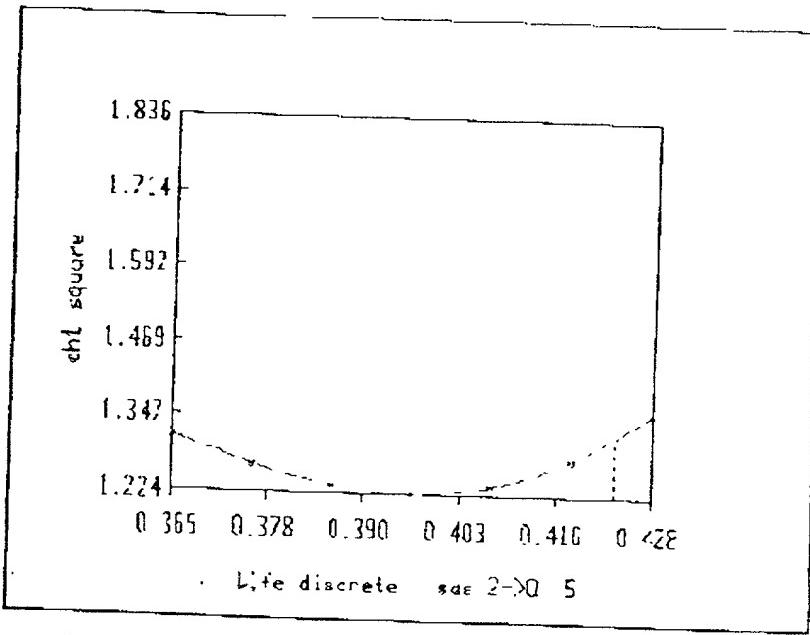


FIG. 37M

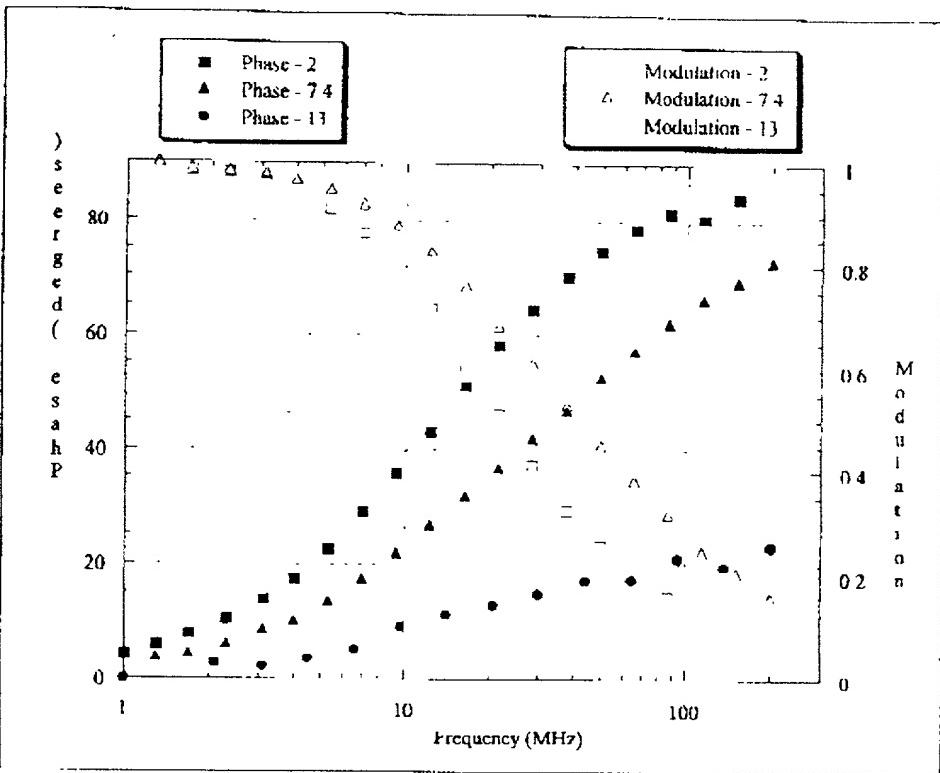


FIG. 38

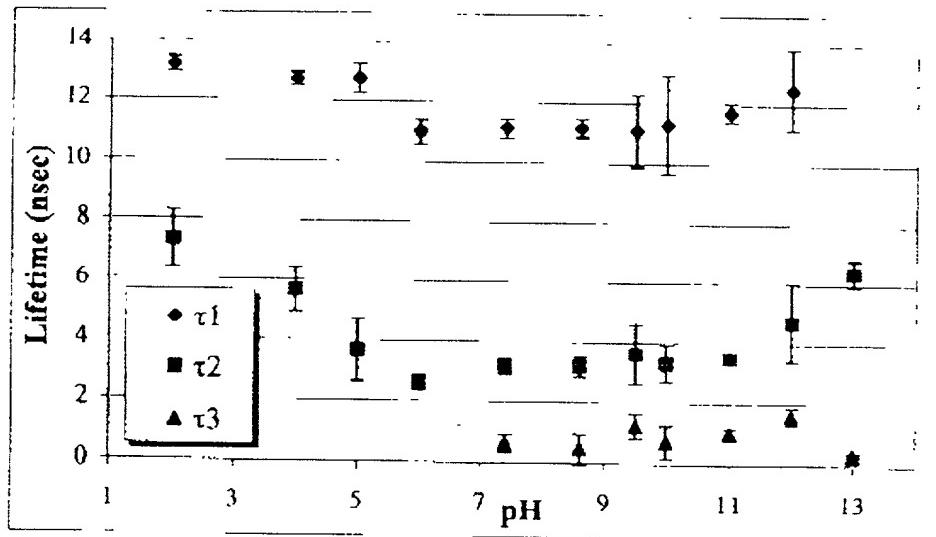


FIG. 39

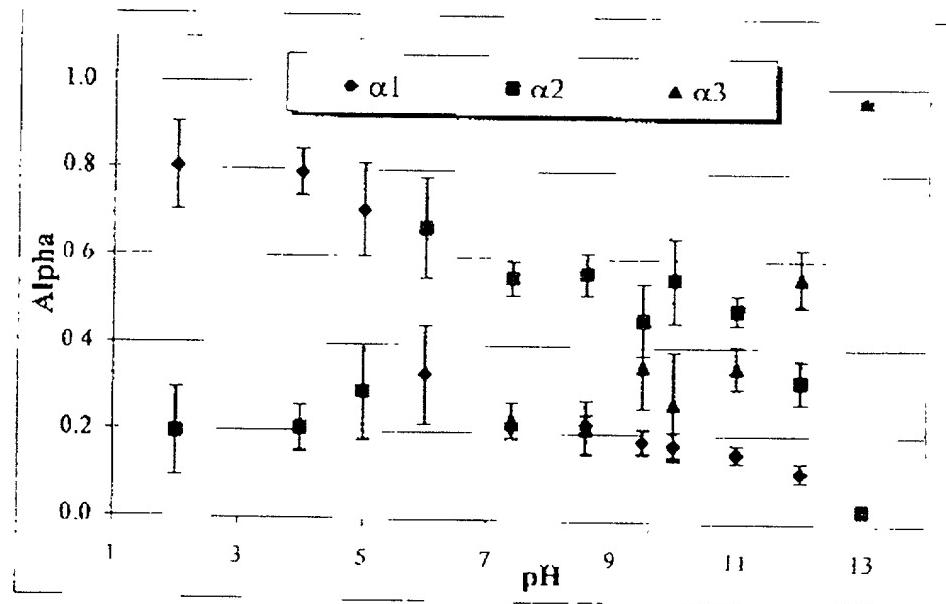


FIG. 40

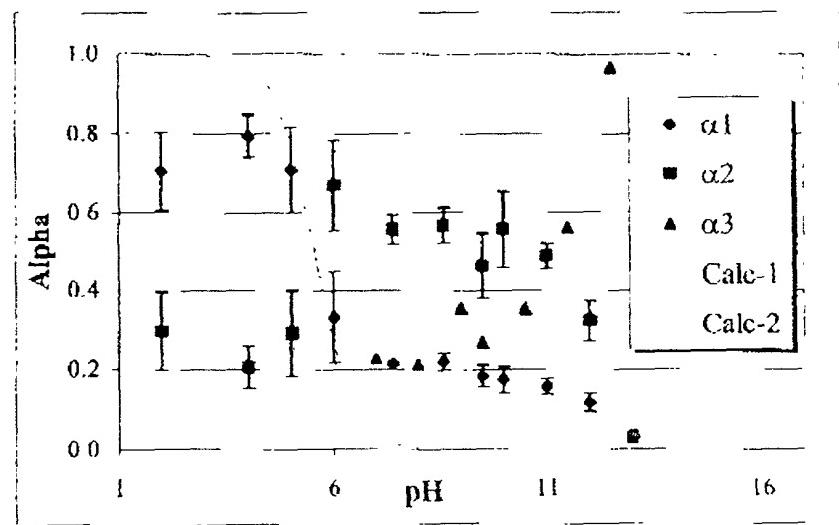


FIG. 41

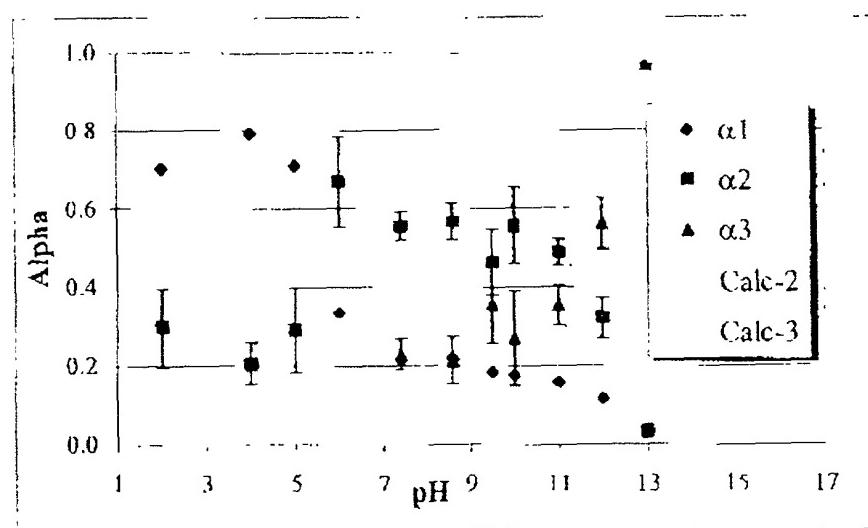


FIG. 42

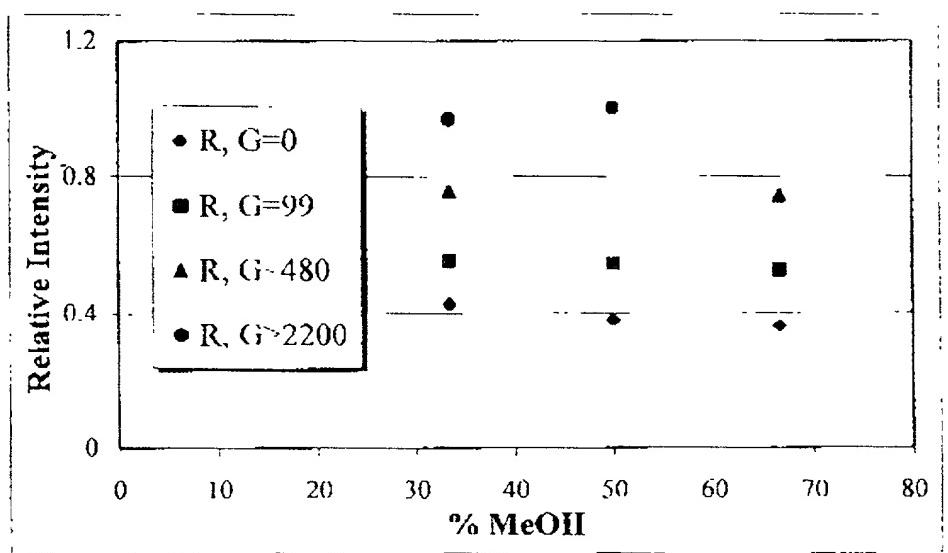


FIG. 43